

OIL ANALYSIS REPORT

VOLVO PENTA

GREG PALIVOS CMS VOLVO PENTA 39500048 10 - PORT IPS

Sample No: VPA056651

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056651	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	1510	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

CY MARINE LLC

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OPA LOCKA, FL
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OIL CONDITION

Visc @ 40°C	cSt	■ 103.0	---	---	---
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CONTAMINATION

Water	%	▲ 0.191	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 69	---	---	---
Potassium	ppm	■ 7	---	---	---

WEAR METALS

PQ		■ 34	---	---	---
Iron	ppm	● 1064	---	---	---
Copper	ppm	▲ 79	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	10	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 14	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 19	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 207	---	---	---
Phosphorus	ppm	■ 1402	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 161	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VPCYMPOM
Unique No: 10796228
Signed: Doug Bogart
Report Date: 20 Dec 2023

OIL ANALYSIS REPORT

GRAPHS

